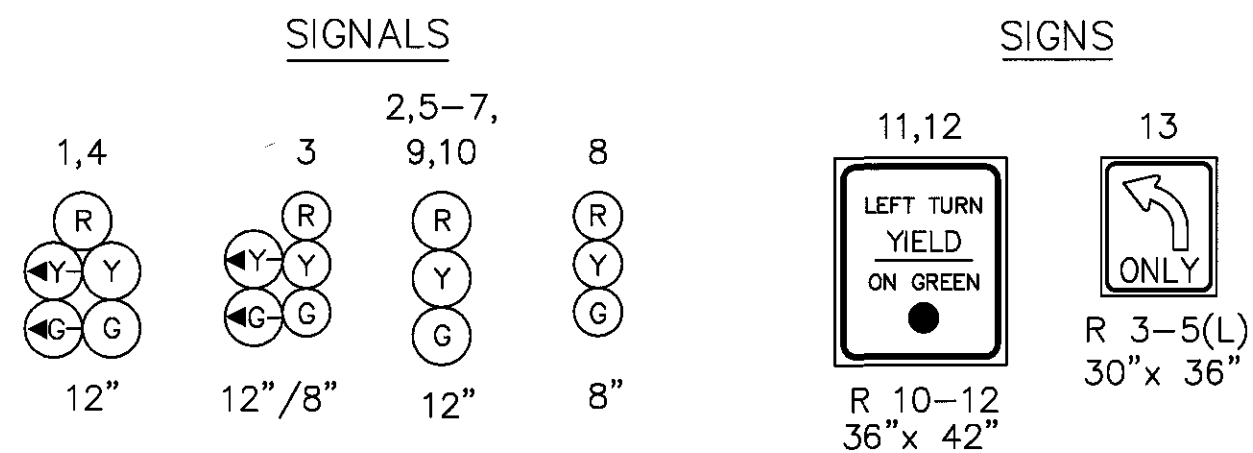
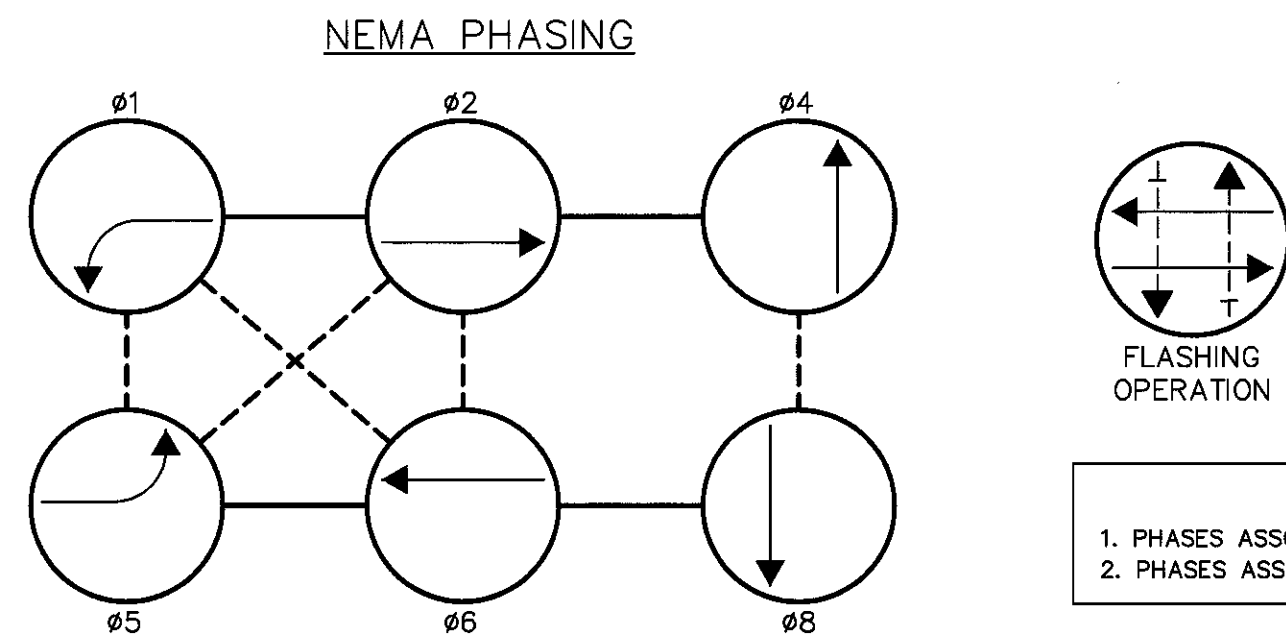


MD 355 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

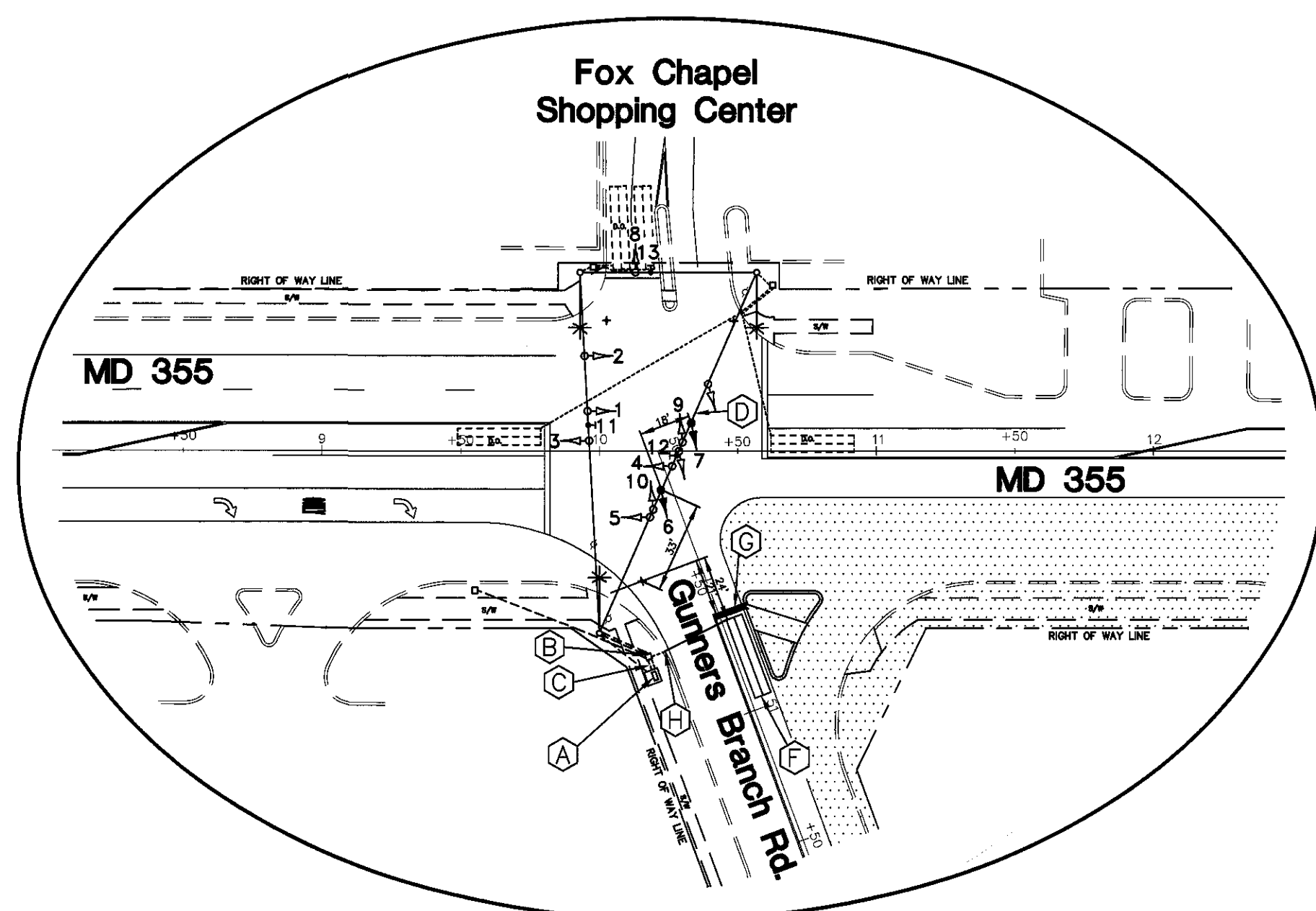
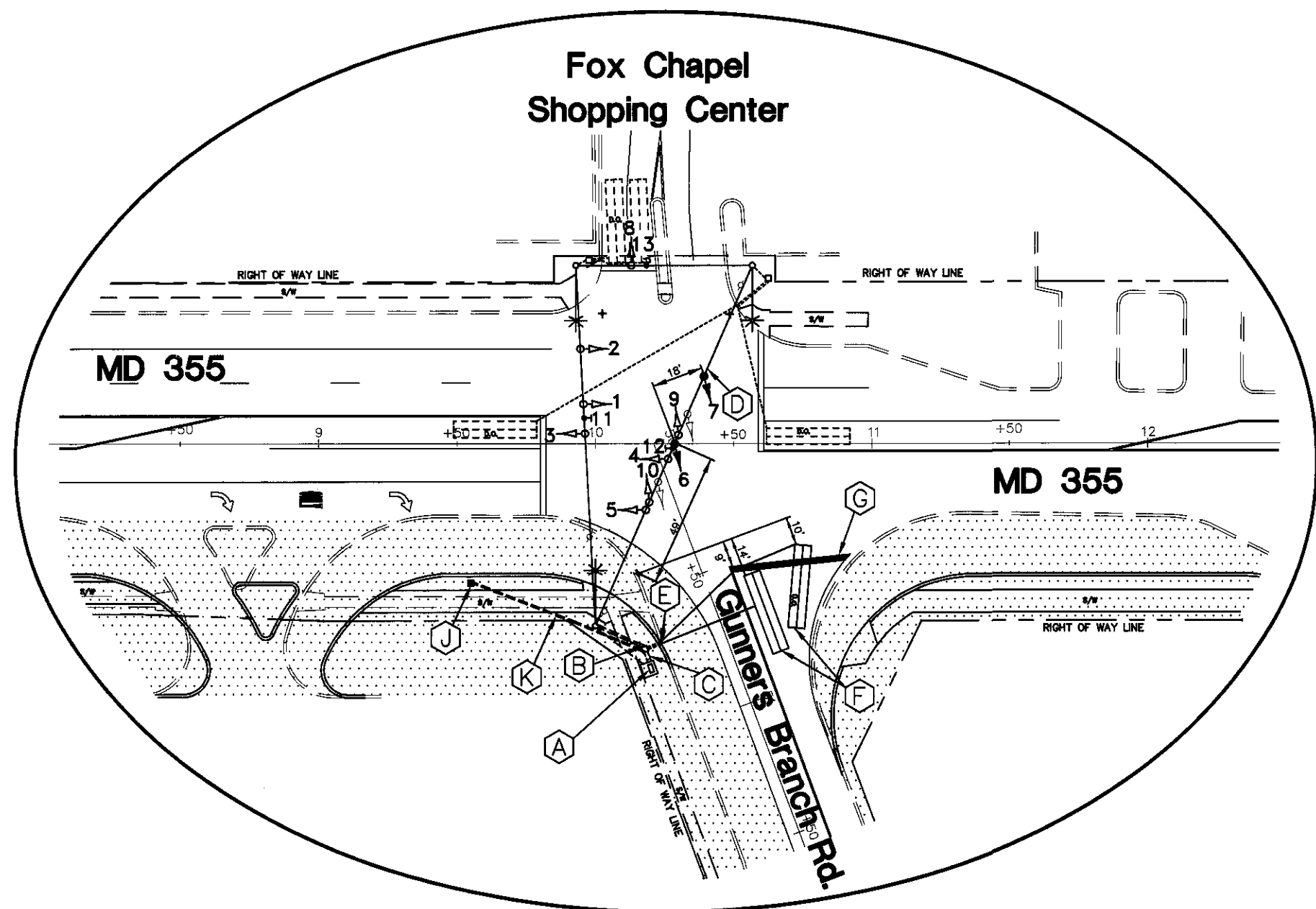


Note: Signal heads 1-5,8-10 and Signs 11-13 are existing and are to remain.

Signal heads 6,7 are existing and are to be relocated.



FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	SEE TITLE SHEET		



Intersection Operation

The existing phasing, cabinet and controller are to be utilized.

Construction Details

- A. Existing cabinet/controller are to be utilized.
- B. Use existing handhole and splice new loopwire to existing 2-conductor aluminum shielded cable.
- C. Use existing conduit.
- D. Use existing span wire and traffic signal heads. Relocate as shown.
- E. Install 1 in. liquid tight, non-metallic conduit for loop detector sleeve.
- F. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (2-4-2 turns).
- G. Install 24 in. preformed white pavement marking for stop line.
- H. Use existing loop detector sleeve.
- J. Install handhole.
- K. Install 4 in. polyvinyl chloride (Schedule 40) electrical conduit - trenched.

Equipment List "B"

Equipment to be furnished and/or installed by the Contractor.

Quantity	Unit	Description
50	LF	24 in. preformed white pavement marking for stop line.
1	EA	Handhole.
450	LF	Sawcut for signal loop detector.
1100	LF	Loop detector wire (No. 14 A.W.G.) encased in flexible tubing.
20	LF	1 in. liquid tight, flexible, non-metallic conduit for loop detector sleeve.
15	LF	2-conductor (aluminum shielded) electrical cable (No. 14 A.W.G.).
65	LF	4 in. polyvinyl chloride (Schedule 40) electrical conduit - trenched.
1	EA	Ground rod - 3/4 in. diameter x 10 ft. length.
4	EA	Relocate existing traffic signal head - span wire mount.
2	EA	Loop detector splice.

LEGEND

CONSTRUCTION AREA

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

G GAS MAIN

W WATER MAIN

S SEWER MAIN

D STORM DRAIN

E ELECTRIC CABLES

A AERIAL CABLES

T TELEPHONE CABLES

C CABLE TELEVISION

NOTES:

1. "D.O." indicates delay output loop detector.
2. Proposed geometrics shall be confirmed prior to the installation of signal equipment.
3. Loop detectors and conduit shall be installed prior to the installation of pavement markings.
4. Pavement markings detailed are proposed and are to be installed by the contractor in accordance with S.H.A. standards. All other pavement markings not detailed will be installed as part of the highway contract.
5. All utilities are shown in their approximate location and are not to be considered as complete. The Contractor shall be responsible for contacting Miss Utility to verify the the locations of all utilities. The Contractor shall contact the appropriate personnel prior to construction to avoid potential conflicts so that field adjustments can be made.
6. Interconnect shall be maintained at all times.

Revision 'A'

A/E GROUP, INC.
CONSULTING ENGINEERS • PLANNERS
11409 CRONHILL DRIVE
OWINGS MILLS, MD. 21117
(410) 363-1908
A/E JOB NO. 94-254

REVISIONS	APPROVALS
	CHIEF, SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL # 15035517.95

DRAWN BY: N/A

DES. BY: S. Renzi

CHK. BY: N/A

**MD 355 at Gunners Branch Rd/
Fox Chapel S.C.**

COUNTY: MONTGOMERY

DATE: N/A

SCALE: 1" = 50'

F.A.P. NO. N/A

S.H.A. NO. N/A

TS/STD. NO.
3395A-X2-P

SHEET NO.
OF

Sheet 5 of 52